
TOMORROW
NEEDS
ENGINEERING

Overview

- EEUM was funded in 1975 (UMinho in 1974)
- EEUM is the largest School of UMinho
- 2 campi in Braga and Guimarães (World Heritage cities)



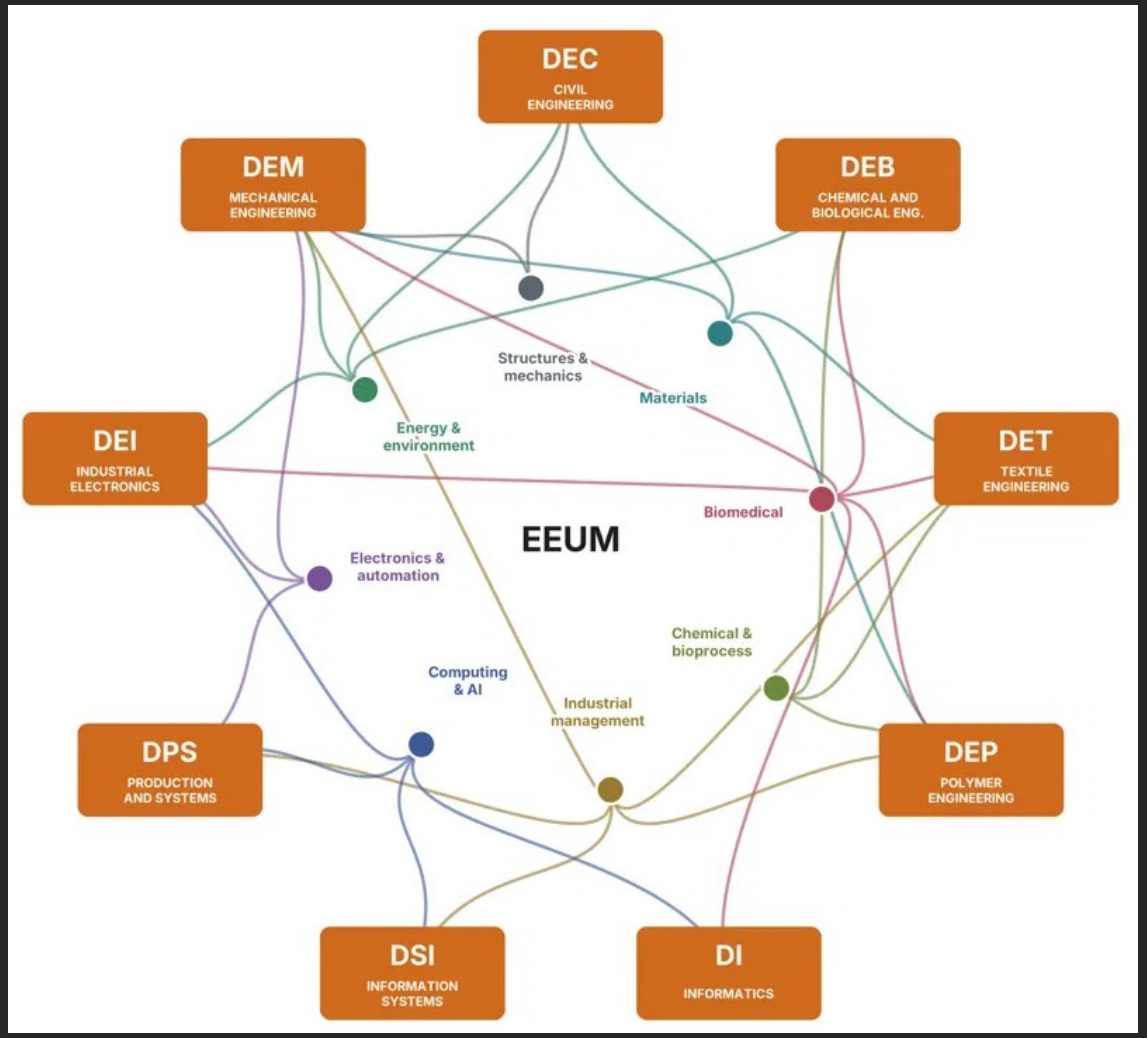
- 7,500 students (1,800 Master ; 300 PhD)
- 300 teaching staff members



TOMORROW NEEDS ENGINEERING

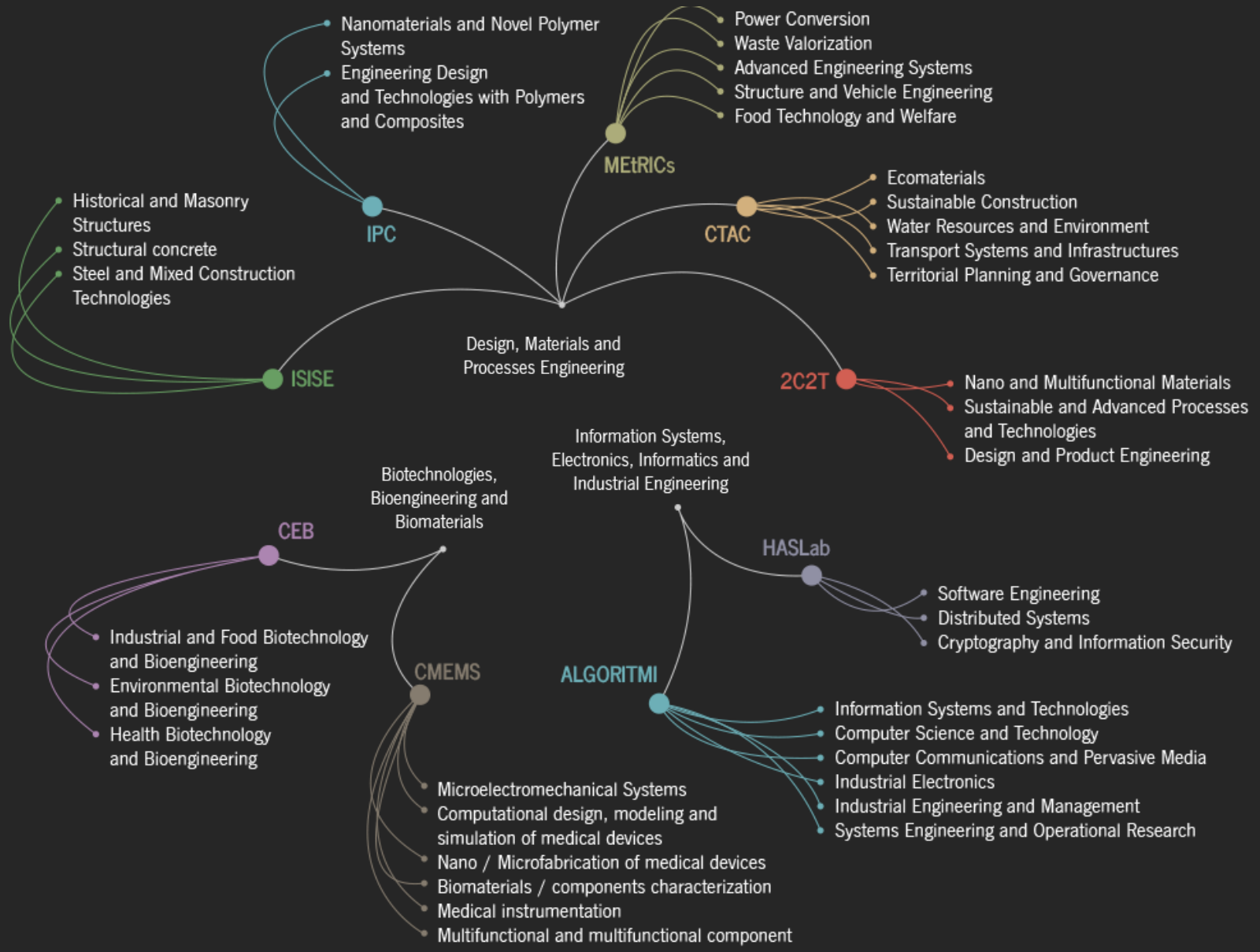
DEPARTMENTS

DEB CHEMICAL and BIOLOGICAL ENGINEERING	**DEC** CIVIL ENGINEERING	**DEI** INDUSTRIAL ELECTRONICS
DEM MECHANICAL ENGINEERING	**DEP** POLYMER ENGINEERING	**DET** TEXTILE ENGINEERING
DI INFORMATICS	**DPS** PRODUCTION AND SYSTEMS	**DSI** INFORMATION SYSTEMS



TOMORROW NEEDS ENGINEERING

RESEARCH AREAS



TOMORROW NEEDS ENGINEERING

EDUCATIONAL OFFER

1st Cycle

(15 – 3 years)

- Aerospace Engineering
- Biomedical Engineering
- Chemical and Biological Engineering
- Civil Engineering
- Engineering and Management of Information Systems
- Engineering Physics
- Fashion Design and Marketing
- Industrial Electronics and Computers Engineering
- Industrial Engineering and Management
- Informatics Engineering
- Materials Engineering
- Mechanical Engineering
- Polymer Engineering
- Telecommunications and Informatics Engineering
- Textile Engineering

TOMORROW NEEDS ENGINEERING

EDUCATIONAL OFFER

2nd Cycle

(36 – 1 or 2 years)

- Master in Engineering and Operations Management
- Master in Advanced Structural Analysis and Design using Composite Materials
- Master in Aerospace Engineering
- Master in Bioinformatics
- Master in Biomedical Engineering
- Master in Biotechnology
- Master in Building Information Modelling - BIM A+ (European Master)
- Master in Chemical and Biological Engineering
- Master in Cities Challenges
- Master in Civil Engineering
- Master in Engineering and Management of Information Systems
- Master in Engineering and Quality Management
- Master in Engineering Physics
- Master in Engineering Project Management
- Master in Fashion Communication Design
- Master in Food Science and Technology
- Master in Industrial Electronics and Computers Engineering
- Master in Industrial Engineering and Management
- Master in Informatics Engineering
- Master in Information Systems
- Master in Interactive Technologies
- Master in Materials Engineering
- Master in Mechanical Engineering
- Master in Mechatronics Engineering
- Master in Micro and Nano Technologies
- Master in Polymer Engineering
- Master in Product Engineering
- Master in Risk Assessment and Management of Civil Infrastructures
- Master in Structural Analysis of Monuments and Historical Construction (European Master)
- Master in Structural Engineering
- Master in Sustainable Built Environment
- Master in Sustainable Construction and Rehabilitation
- Master in Systems Engineering
- Master in Telecommunications and Informatics Engineering
- Master in Textile Engineering
- Master in Urban Engineering

TOMORROW NEEDS ENGINEERING

EDUCATIONAL OFFER

3rd Cycle
(21 - 3 or 4 years)

- Doctoral Program in Advanced Engineering Systems for Industry
- Doctoral Program in Advanced Materials and Processing
- Doctoral Program in Computer Science (MAP-i)
- Doctoral Program in Direct Digital Manufacturing for Polymer and Tooling Industries
- Doctoral Program in Fashion Design
- Doctoral Program in Food Science and Technology and Nutrition
- Doctoral Program in Industrial and Systems Engineering
- Doctoral Program in Information Systems and Technology
- Doctoral Program in Leaders for Technical Industries
- Doctoral Program in Telecommunications (MAP-tel)
- Doctorate in Biomedical Engineering
- Doctorate in Chemical and Biological Engineering
- Doctorate in Civil Engineering
- Doctorate in Electronics and Computer Engineering
- Doctorate in Informatics
- Doctorate in Materials Engineering
- Doctorate in Mechanical Engineering
- Doctorate in Polymers and Composites Engineering
- Doctorate in Solid Waste Management and Treatment
- Doctorate in Sustainable Built Environment
- Doctorate in Textile Engineering

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